Subham Surajeet Barik

✉ subhamsurajeetbarik@gmail.com | 📱 +91-77352-25053 | ⌗ github.com/Subham472898
🔗 linkedin.com/in/subham2004 | 🌐 Portfolio

Education

Centurion University, Bhubaneswar   Aug 2024 – Present
Master of Computer Applications (MCA)   *CGPA: 8.13/10*
Key Subjects: **Object-Oriented Programming**, **DBMS**, **Operating Systems**, **Data Structures**, **Algorithms**.

Utkal University, Bhubaneswar   Aug 2021 – Jul 2024
Bachelor of Science (B.Sc) in Chemistry   *CGPA: 7.58/10*
Key Subjects: **Organic**, **Inorganic**, **Physical Chemistry**; Applied Chemistry; Laboratory Techniques.

Skills

- **Programming Languages:** Java (Strong), C
- **Frontend/Backend:** HTML5, CSS3,React.js, Node.js, Express.js, MERN stack, Bootstrap, Tailwind CSS
- **Databases:** MongoDB, MySQL
- **Cloud Services:** AWS (EC2, S3, Lambda, DynamoDB, RDS, VPC, Route 53, API Gateway, CloudFront, IAM, CloudWatch, CloudTrail)
- **Tools & Technologies:** Git, GitHub, VS Code

Project Work

AI-Powered MERN Stack Resume Builder (2025)

- Developed a full-stack **AI-driven web application** using the **MERN stack** for building and sharing professional online resumes.
- Integrated the **Google Gemini API** to generate real-time content such as resume summaries and bullet points tailored to job descriptions.
- Implemented secure user authentication using **JWT** and a scalable **MongoDB** data model for storing resumes and user profiles.
- Engineered a system to create unique, public **live resume links**, enabling users to share non-editable, professional resumes with anyone.
- Optimized backend **API requests** and implemented message streaming, improving response time by **20%**.
- Developed **dynamic UI components** with strong **error handling** to ensure a smooth and reliable user experience.

Vehicle Rental Service (2025)

- Contributed as a **full-stack developer** in a **3-member team**, building a modern vehicle rental platform using the **MERN stack**.
- Assisted in developing the **frontend UI** using React.js, implementing reusable components for vehicle search, listing display, and booking interactions.
- Supported backend development by building and integrating **RESTful APIs** for vehicles, users, and bookings using Node.js and Express.js.
- Collaborated on database design and implemented **MongoDB schemas** for vehicle listings, user data, and rental transactions.
- Integrated **ImageKit.io** for optimized image delivery, improving UI performance and reducing image load times.
- Worked closely with teammates to test modules, debug issues, and ensure smooth end-to-end functionality across the platform.

Coding Profiles and Certificates

- **GeeksforGeeks:** 150+ problems solved
- **GeeksforGeeks Java Training Program:** Completed a **16-week training program** in Java under the **CUTM Training Program – Bhubaneswar Campus**   [View Certificate]

- **AWS Certified Solutions Architect – Associate**   [Verify Credential]